

ATTORNEY DOCKET NO: 71278

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : HEILIGENSETZER et al.
Serial No :
Confirm. No. :
Filed :
For : METHOD FOR MONITORING...
Art Unit :
Examiner :
Dated : January 28, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

The following references have been cited in the German Office Action dated December 2, 2003.

- DE 36 07 588 A1 discloses a gripper apparatus for handling semiconductor wafers, has robot arm with two fixed fingers and extendable finger, and strain gauges for monitoring force. No full translation is available at this time, however, attached is an English language abstract.

- DE 36 24 941 C2 discloses a monitoring charge in continuously operated mixers, by strain gauges responsive to weight channels. No full translation is available at this time, however, attached is an English language abstract.

- DE 32 44 738 C2 discloses an intermittently operated machine valve monitoring arrangement, provides timely damage warning from pressure gradient, pressure and cycle

duration comparisons. No full translation is available at this time, however, attached is an English language abstract.

- DE 100 20 174 A1 discloses an arrangement for automatic monitoring of roller and ball bearings in machines and vehicles with at least 1 pick-up fitted at bearing to be monitored which produces electric output signal. No full translation is available at this time, however, attached is an English language abstract.


- DE 34 07 618 A1 discloses a measurement apparatus for force between relatively movable machine parts, has force measurement elements at axial intervals in machine bore, each arranged in lateral recess in probe. No full translation is available at this time, however, attached is an English language abstract.

- DE 44 32 759 A1 discloses a safety control and monitoring module e.g. for CNC machines and industrial robots, has disconnection unit connected via a control release line and two-channel emergency switch-off interface to machine drive. No full translation is available at this time, however, attached is an English language abstract.

Consideration of the above references is respectfully requested.

Respectfully submitted
for Applicant,

By:


John James McGlew
Registration No. 31,903
McGLEW AND TUTTLE, P.C.

JJM:tf

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Enclosed: PTO-1449 Form
copy of German Office Action
copies of (6) References

DATED: January 28, 2004
SCARBOROUGH STATION
SCARBOROUGH, NEW YORK 10510-0827
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SHOULD ANY OTHER FEE BE REQUIRED, THE PATENT AND TRADEMARK OFFICE
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BY:  DATE: January 28, 2004

LIST OF REFERENCES CITED
BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 71278
Ser. No.:
Applicant: HEILIGENSETZER et al.

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
	<u>DE 36 07 588 A1</u>	<u>Sept. 18, 1986</u>	<u>Germany</u>			<u>No</u>
	<u>DE 36 24 941 C2</u>	<u>Jan. 28, 1988</u>	<u>Germany</u>			<u>No</u>
	<u>DE 32 44 738 C2</u>	<u>June 7, 1984</u>	<u>Germany</u>			<u>No</u>
	<u>DE 100 20 174 A1</u>	<u>Nov. 15, 2001</u>	<u>Germany</u>			<u>No</u>
	<u>DE 34 07 618 A1</u>	<u>Sept. 12, 1985</u>	<u>Germany</u>			<u>No</u>
	<u>DE 44 32 759 A1</u>	<u>March 21, 1996</u>	<u>Germany</u>			<u>No</u>

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Ex- aminer Initial	Author	Date	Title	Textbook in	Translation Yes/No

Examiner

Date Considered